

GenCore version 5.1.3  
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OM nucleic - nucleic search, using sw model

Run on: February 16, 2003, 22:05:25 : Search time 51.2985 Seconds  
(without alignments)  
13999.354 Million cell updates/sec

Title: US-09-497-967-102

Perfect score: 1410

Sequence: 1 atgaagaacaactcttgtt.....cttactacctgtgtaataa 1410

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 424239 seqs, 254661826 residues

Total number of hits satisfying chosen parameters: 848478

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Published Applications\_NA:\*
- 1: /cgn2\_6/ptodata/1/pubpna/US07\_PUBCOMB.seq:\*
  - 2: /cgn2\_6/ptodata/1/pubpna/PCT\_NEW\_PUB.seq:\*
  - 3: /cgn2\_6/ptodata/1/pubpna/US06\_NEW\_PUB.seq:\*
  - 4: /cgn2\_6/ptodata/1/pubpna/US06\_PUBCOMB.seq:\*
  - 5: /cgn2\_6/ptodata/1/pubpna/US07\_NEW\_PUB.seq:\*
  - 6: /cgn2\_6/ptodata/1/pubpna/US07\_PUBCOMB.seq:\*
  - 7: /cgn2\_6/ptodata/1/pubpna/PCTUS\_PUBCOMB.seq:\*
  - 8: /cgn2\_6/ptodata/1/pubpna/US08\_NEW\_PUB.seq:\*
  - 9: /cgn2\_6/ptodata/1/pubpna/US08\_PUBCOMB.seq:\*
  - 10: /cgn2\_6/ptodata/1/pubpna/US09\_NEW\_PUB.seq:\*
  - 11: /cgn2\_6/ptodata/1/pubpna/US09\_PUBCOMB.seq:\*
  - 12: /cgn2\_6/ptodata/1/pubpna/US10\_NEW\_PUB.seq:\*
  - 13: /cgn2\_6/ptodata/1/pubpna/US10\_PUBCOMB.seq:\*
  - 14: /cgn2\_6/ptodata/1/pubpna/US60\_NEW\_PUB.seq:\*
  - 15: /cgn2\_6/ptodata/1/pubpna/US60\_PUBCOMB.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	35.8	2.5	1824	9	US-09-938-842A-876
C 2	35.8	2.5	2017	9	US-09-344-882-17
C 3	35.2	2.5	324	10	US-09-764-877-2449
C 4	35.2	2.5	339	10	US-09-764-877-219
C 5	34.4	2.4	252	10	US-09-878-574-10642
C 6	34.2	2.4	446	10	US-09-962-436-54
C 7	34.2	2.4	446	10	US-09-880-107-589
C 8	33.6	2.4	2194	10	US-09-880-107-3940
C 9	33.6	2.4	2462	9	US-09-922-364A-48
C 10	33.6	2.4	2462	9	US-09-254-590-48
C 11	33.6	2.4	2462	9	US-10-115-695-48
C 12	32.8	2.3	442	10	US-09-880-107-1917
C 13	32.8	2.3	1811	9	US-10-086-510-2
C 14	32.4	2.3	1323	10	US-09-815-242-4076
C 15	32.2	2.3	1473	10	US-09-735-787-3
C 16	32	2.3	1026	10	US-09-815-242-9346
C 17	32	2.3	1085	10	US-09-925-300-401
C 18	32	2.3	1268	10	US-09-896-852-23
C 19	32	2.3	1648	10	US-09-896-852-26

C	20	32	2.3	4775	10	US-09-896-852-37	Sequence 37, Appl
	21	31.8	2.3	1400	10	US-09-350-756-4	Sequence 4, Appl
	22	31.8	2.3	3300	10	US-09-379-931-6	Sequence 6, Appl
C	23	31.8	2.3	30625	10	US-09-927-091-5	Sequence 5, Appl
	24	31.6	2.2	1593	9	US-09-738-628-1311	Sequence 1311, Ap
	25	31.6	2.2	1884	10	US-09-765-231A-28	Sequence 28, Appl
	26	31.6	2.2	2724	12	US-10-044-090-309	Sequence 309, App
	27	31.2	2.2	531	10	US-09-919-580-782	Sequence 782, App
C	28	31	2.2	339	10	US-09-867-701-3834	Sequence 3834, Ap
	29	31	2.2	460	10	US-09-864-761-890	Sequence 890, App
C	30	31	2.2	807	10	US-09-764-877-722	Sequence 722, App
	31	31	2.2	873	10	US-09-770-445-552	Sequence 552, App
C	32	31	2.2	32219	9	US-09-764-869-2016	Sequence 2016, Ap
	33	30.4	2.2	1581	9	US-09-738-626-1462	Sequence 1462, Ap
	34	30.4	2.2	8772	10	US-09-788-711A-3	Sequence 3, Appl
	35	30.4	2.2	8871	10	US-09-788-711A-1	Sequence 1, Appl
	36	30.4	2.2	640681	10	US-09-790-988-1	Sequence 438, App
	37	30.2	2.1	670	9	US-10-040-739-428	Sequence 9724, Ap
	38	30.2	2.1	1407	10	US-09-815-242-9724	Sequence 963, App
	39	30.2	2.1	2663	10	US-09-764-860-963	Sequence 965, App
	40	30.2	2.1	2663	10	US-09-764-860-965	Sequence 1454, Ap
	41	30.2	2.1	8798	9	US-09-764-868-1454	Sequence 1455, Ap
	42	30.2	2.1	8798	9	US-09-764-868-1455	Sequence 1460, Ap
	43	30.2	2.1	8798	9	US-09-764-868-1460	Sequence 1461, Ap
	44	30.2	2.1	8798	9	US-09-764-868-1461	Sequence 18, Appl
	45	30	2.1	1239	9	US-10-011-588-18	

ALIGNMENTS

RESULT 1

US-09-938-842A-876/c

; Sequence 876, Application US/09938842A

; Patent No. US20020160378A1

; GENERAL INFORMATION:

; APPLICANT: Harper, Jeff

; APPLICANT: Kreps, Joel

; APPLICANT: Wang, Xun

; APPLICANT: Zhu, Tong

; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING

; FILE REFERENCE: S001300-3

; CURRENT APPLICATION NUMBER: US/09/938,842A

; PRIOR FILING DATE: 2001-08-24

; PRIOR APPLICATION NUMBER: US 60/227,866

; PRIOR FILING DATE: 2000-08-24

; PRIOR APPLICATION NUMBER: US 60/264,647

; PRIOR FILING DATE: 2001-01-16

; PRIOR APPLICATION NUMBER: US 60/300,111

; NUMBER OF SEQ ID NOS: 5379

; SEQ ID NO 876

; LENGTH: 1824

; TYPE: DNA

; ORGANISM: Arabidopsis thaliana

US-09-938-842A-876

Query Match

Best Local Similarity 54.1%; Score 35.8; DB 9; Length 1824;

Matches 73; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

Qy	265	ACCAGGTACGGAAGTCTCTGCTGGAAACCGCTATCGCTGGAGGAGCTACCGACTAC	324
Db	477	ACCAATTGTATGATGAAGAATCTCTATGTTGGTACCGTAACTCTGTTGGAGTTTGGACCCGAC	418
Qy	325	GCTGCTATCATCCCGAGTGTGTGAAGTGTGCGCATCAACTTCTACACGAGACGCTCT	384
Db	417	GATCAAAATCAGAGCGAGATTCTCACTGTGAAGACCGCGCATCGCATTCAGAACACTCA	358
Qy	385	AACCTTCAACGCTGA	399
Db	357	TCCACCGACGTTGAA	343

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2449
; LENGTH: 324
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-877-2449

Query Match      2.5%; Score 35.2; DB 10; Length 324;
Best Local Similarity 47.7%; Pred. No. 0.32;
Matches 103; Conservative 0; Mismatches 113; Indels 0; Gaps 0;

QY 1145 GTCCGTGGGAACCGTGTGCTGACCGAGCAACCACTCTACCTACAAGCAGGCTGCTTCTG 1204
    ||||| ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 9 GTGCTGGGATTACAGACATAAATACTGCAACCCAGCTTAAGATTATATCATATTTTACTG 68

QY 1205 AGTGTGTGAAGTGTGCTGCTAACTTCTACACCACCAAGCAGACCGACTGGGTGGCTGGAA 1264
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 69 CATCTTTTCTGTGTATAGATATGTTTAGATACACAATAATCCTTCCCAATTAGTTACTGTTG 128

QY 1265 TCGACACCTGTACCTCTTTGTAAACAAGAGCTGACCTCTGGAGCTGAGGCTAACCTGCCTG 1324
    || | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 129 TCTATGGTATTCCCTATAGTAACAAGCTGTACAGGTTTGGAGCCTAGGGGCAATAGGCTG 188

QY 1325 AGTCTGCTAAGAAGACATCCAGTGTGACTTCGCTA 1360
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 189 TACCATTATTATAAGCCCTAGGTGTGTAGTTGGCTA 224

RESULT 4
US-09-764-877-219
; Sequence 219, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 219
; LENGTH: 339
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (310)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: SITE
; LOCATION: (336)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-764-877-219

Query Match      2.5%; Score 35.2; DB 10; Length 339;
Best Local Similarity 47.7%; Pred. No. 0.33;
Matches 103; Conservative 0; Mismatches 113; Indels 0; Gaps 0;

QY 1145 GTCTGTGGAACCGTGTGCTGACCGAGGAAACCACTCTACCTACAAGCAGGCTGCTTCTG 1204
    ||||| ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 11 GTGCTGGGATTACAGACATAAATACTGCAACCCAGCTTAAGATTATATCATATTTTACTG 70

QY 1205 AGTGTGTGAAGTGTGCTGCTAACTTCTACACCACCAAGCAGACCGACTGGGTGGCTGGAA 1264
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 71 CATCTTTTCTGTGTATAGATATGTTTAGATACACAATAATCCTTCCCAATTAGTTACTGTTG 130

QY 1265 TCGACACCTGTACCTCTTTGTAAACAAGAGCTGACCTCTGGAGCTGAGGCTAACCTGCCTG 1324
    || | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 131 TCTATGGTATTCCCTATAGTAACAAGCTGTACAGGTTTGGAGCCTAGGGGCAATAGGCTG 190

QY 1325 AGTCTGCTAAGAAGACATCCAGTGTGACTTCGCTA 1360
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Db 191 TACCATTATTATAAGCCCTAGGTGTGTAGTTGGCTA 226
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US-09-344-882-17/c
; Sequence 17, Application US/09344882
; Patent No. US20020162137A1
; GENERAL INFORMATION:
; APPLICANT: Nikolau, Basil J
; APPLICANT: Wurtele, Eve S
; APPLICANT: Oliver, David J
; APPLICANT: Behal, Robert
; APPLICANT: Schnable, Patrick S
; APPLICANT: Ke, Jinsan
; APPLICANT: Johnson, Jerry L
; APPLICANT: Allred, Carolyn C
; APPLICANT: Fatland, Beth
; APPLICANT: Lutziger, Isabelle
; APPLICANT: Wen, Tsui-Jung
; TITLE OF INVENTION: Materials and Methods for the Alteration of Enzyme and
; FILE REFERENCE: 201573
; CURRENT APPLICATION NUMBER: US/09/344,882
; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 60/090,717
; PRIOR FILING DATE: 1998-06-26
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.2
; SEQ ID NO 17
; LENGTH: 2017
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1)..(1000)
; NAME/KEY: exon
; LOCATION: (1002)..(1508)
; NAME/KEY: exon
; LOCATION: (1510)..(1519)
; NAME/KEY: exon
; LOCATION: (1521)..(1531)
; NAME/KEY: exon
; LOCATION: (1533)..(2017)
US-09-344-882-17

Query Match      2.5%; Score 35.8; DB 9; Length 2017;
Best Local Similarity 54.1%; Pred. No. 0.63;
Matches 73; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 265 ACCCAGTGTAACTGTCCTGCTGGAACCGCTATCGCTGGAGGAGCTACCGACTAC 324
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Db 536 ACCAATTGTATGATGAAGATCTATTGGTACCGTAATCGTTGGAGTTTGGACCCGAC 477

QY 325 GCTGCTATCATCCCGAGTGTGTAAGTGTGCAATCACTTCTACAACGAGAACGCTCT 384
    ||||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 476 GATGCAAAATCAGAGGCAGATTCTCACTGTAAGCACCGGGGCGCATTCAGAACAAC 417

QY 385 AACTTCAACGCTGA 399
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Db 416 TCCACCGACGCTGA 402

RESULT 3
US-09-764-877-2449
; Sequence 2449, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
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RESULT 5  
US-09-878-574-10642  
; Sequence 10642, Application US/09878574  
; Patent No. US20020110548A1  
; GENERAL INFORMATION:  
; APPLICANT: Byrum, Joseph R.  
; APPLICANT: La Rosa, Thomas J.  
; APPLICANT: Thompson, Michael D.  
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with  
; FILE REFERENCE: 38-21(15401)B  
; CURRENT APPLICATION NUMBER: US/09/878,574  
; PRIOR FILING DATE: 2001-12-21  
; PRIOR APPLICATION NUMBER: 09/333,535  
; PRIOR FILING DATE: 1999-08-14  
; NUMBER OF SEQ ID NOS: 15775  
; SEQ ID NO 10642  
; LENGTH: 252  
; TYPE: DNA  
; ORGANISM: Glycine max  
; OTHER INFORMATION: Clone ID: 700967903H1  
US-09-878-574-10642

Query Match 2.4%; Score 34.4; DB 10; Length 252;  
Best Local Similarity 50.0%; Pred. No. 0.49; Mismatches 86; Indels 0; Gaps 0;  
Matches 86; Conservative 0;  
QY 1 ATGAGAACAACTCTGGTGCATCATCTCTCTGTTTCATCAACAGATCAAGTCT 60  
Db 77 ATAAAGGGGAACCTTGTGATTATGGAAGAAATGTGTTGGATATCAACAGCATCACCACT 136  
QY 61 GCTAACTGTCCTGGGACCGAGACCAACACCGCTGGACAGGTGGAGGACCTGGGAACC 120  
Db 137 GTTAAGGTGCTATTGGAACCGCATTAACATCATTTGGAGGTGCTCGACACCGTTACT 196  
QY 121 CTGCTAACTGTGTGAAGTCTCAGAGAACTTCTACTACAAACAGCTGCTG 172  
Db 197 GCTTTGGGTCCCATCTCCATCCAGCTCATCATGTCACCAAGGCTGATG 248

RESULT 6  
US-09-962-436-54  
; Sequence 54, Application US/09962436  
; Patent No. US20020081301A1  
; GENERAL INFORMATION:  
; APPLICANT: Soppet, Daniel  
; TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signatu  
; FILE REFERENCE: 689290-75  
; CURRENT APPLICATION NUMBER: US/09/962,436  
; PRIOR FILING DATE: 2001-09-25  
; PRIOR APPLICATION NUMBER: US/60/235,082  
; PRIOR FILING DATE: 2000-09-25  
; PRIOR APPLICATION NUMBER: US/60/234,924  
; NUMBER OF SEQ ID NOS: 568  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 54  
; LENGTH: 446  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-962-436-54

Query Match 2.4%; Score 34.2; DB 10; Length 446;  
Best Local Similarity 49.2%; Pred. No. 0.8; Mismatches 90; Indels 0; Gaps 0;  
Matches 90; Conservative 0;  
QY 885 GGCTACCGCTGGAGAGCTGCTACCTGGCTAAGCAGTGTAAACATCGCTTGCTCCTGACGG 944  
Db 189 GGGACACCTTTTATGGCATTTGAGATTCACAGAGCAATGGCCATGGCCATCCCTCAAGG 248

QY 945 AACCGCTATCGCTTCTGGAGCTACCAACTACGTGATCTCTGCAGACCGAGTGTCTGAACGTG 1004  
Db 249 AACTTACAATGTAGCTGGAGACACAAACATCCAAAACAGACATGAGGGCTGGCTCT 308  
QY 1005 TGCTGCTAACTTCTACTTTCGAGGAAACAACTTCAGGCTGGATCTTCTCGCTGTAAGGC 1064  
Db 309 ACCTCCACACCTCTATCTGAACAAAACGATTACTGGCTTAAGTCTCGTGTGTTGTAAGGC 368  
QY 1065 TTG 1067  
Db 369 ATG 371  
RESULT 7  
US-09-880-107-589  
; Sequence 589, Application US/09880107  
; Patent No. US20020142981A1  
; GENERAL INFORMATION:  
; APPLICANT: Horne, Darci T.  
; APPLICANT: Vockley, Joseph G.  
; APPLICANT: Scherf, Uwe  
; APPLICANT: Gene Logic, Inc.  
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer  
; FILE REFERENCE: 44921-5028-WO  
; CURRENT APPLICATION NUMBER: US/09/880,107  
; PRIOR FILING DATE: 2001-06-14  
; PRIOR APPLICATION NUMBER: US 60/211,379  
; PRIOR FILING DATE: 2000-06-14  
; PRIOR APPLICATION NUMBER: US 60/237,054  
; PRIOR FILING DATE: 2000-10-02  
; NUMBER OF SEQ ID NOS: 3950  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 589  
; LENGTH: 446  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 AA258182  
US-09-880-107-589

Query Match 2.4%; Score 34.2; DB 10; Length 446;  
Best Local Similarity 49.2%; Pred. No. 0.8; Mismatches 90; Indels 0; Gaps 0;  
Matches 90; Conservative 0;  
QY 885 GGCTACCGCTGGAGAGCTGCTACCTGGCTAAGCAGTGTAAACATCGCTTGCTCCTGACGG 944  
Db 189 GGGACACCTTTTATGGCATTTGAGATTCACAGAGCAATGGCCATGGCCATCCCTCAAGG 248  
QY 945 AACCGCTATCGCTTCTGGAGCTACCAACTACGTGATCTCTGCAGACCGAGTGTCTGAACGTG 1004  
Db 249 AACTTACAATGTAGCTGGAGACACAAACATCCAAAACAGACATGAGGGCTGGCTCT 308  
QY 1005 TGCTGCTAACTTCTACTTTCGAGGAAACAACTTCAGGCTGGATCTTCTCGCTGTAAGGC 1064  
Db 309 ACCTCCACACCTCTATCTGAACAAAACGATTACTGGCTTAAGTCTCGTGTGTTGTAAGGC 368  
QY 1065 TTG 1067  
Db 369 ATG 371  
RESULT 8  
US-09-880-107-3940  
; Sequence 3940, Application US/09880107  
; Patent No. US20020142981A1  
; GENERAL INFORMATION:  
; APPLICANT: Horne, Darci T.  
; APPLICANT: Vockley, Joseph G.  
; APPLICANT: Scherf, Uwe  
; APPLICANT: Gene Logic, Inc.  
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer  
; FILE REFERENCE: 44921-5028-WO  
; CURRENT APPLICATION NUMBER: US/09/880,107



```

: NAME: Weber, Kenneth A.
: REGISTRATION NUMBER: 31,677
: REFERENCE/DOCKET NUMBER: 014210-00073005
: TELECOMMUNICATION INFORMATION:
:   TELEPHONE: (415) 576-0200
:   TELEFAX: (415) 576-0300
: INFORMATION FOR SEQ ID NO: 48:
: SEQUENCE CHARACTERISTICS:
:   LENGTH: 2462 base pairs
:   TYPE: nucleic acid
:   STRANDEDNESS: single
:   TOPOLOGY: linear
:   MOLECULE TYPE: cDNA
:   FEATURE:
:     NAME/KEY: -
:     LOCATION: 1..2462
:     OTHER INFORMATION: /note= "human small
:       calcium-activated potassium channel
:       protein 3 (hsk3) full length cDNA"
:     SEQUENCE DESCRIPTION: SEQ ID NO: 48:
: US-09-254-590-48

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	Query Match	2.4%;	Score 33.6;	DB 9;	Length 2462;
	Best Local Similarity	53.9%;	Pred. No. 3.5;	Mismatches 0;	Gaps 0;
	Matches 69;	Conservative 0;	Mismatches 59;	Indels 0;	Gaps 0;
QY	166	GCTGTCGTCTTTCGTGCCTGGAGCTCTACCTGTACCCTTTGTCCTCAGAAGAGCGCT	225		
Db					
	375	GCTGTCGTCTTTCGTGCTGCTGCTGCTGCTGCTCATCCCCAGAGATGGACAGG	316		
QY	226	GGAGCTCAGCCCTAACCCCTCCTGCTACCGCTAACTGGTGACCCAGTGTACGTGAAGTGT	285		
Db					
	315	GGCACTTGGGTCTTCATCTCAAGTCCCCCACCCCGAGTCATGGAAGTGCCAGAAGTGT	256		
QY	286	CCTGCTGG	293		
Db					
	255	CCATCTTG	248		

RESULT 11  
US-10-115-695-48/c  
; Sequence 48, Application US/10115695  
; Publication No. US20020192757A1  
; GENERAL INFORMATION:  
; APPLICANT: Adelman, John P.  
; Maylie, James  
; Bond, Chris T.  
; Silvia, Christopher P.  
; TITLE OF INVENTION: Small and Intermediate Conductance,  
; Calcium-Activated Potassium Channels and Uses  
; Thereof  
; NUMBER OF SEQUENCES: 48  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/115,695  
; FILING DATE: 03-Apr-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/354,590  
; FILING DATE: 10-Mar-1999  
; APPLICATION NUMBER: US 60/026,451  
; FILING DATE: 11-SEP-1996

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1 APPLICATION NUMBER: US 60/040,052
2 FILING DATE: 07-MAR-1997
3 APPLICATION NUMBER: US 60/045,233
4 FILING DATE: 17-APR-1997
5 APPLICATION NUMBER: WO PCT/US97/16033
6 FILING DATE: 10-SEP-1997
7 ATTORNEY/AGENT INFORMATION:
8 NAME: Weber, Kenneth A.
9 REGISTRATION NUMBER: 31,677
10 REFERENCE/DOCKET NUMBER: 014210-000730US
11 TELECOMMUNICATION INFORMATION:
12 TELEPHONE: (415) 576-0200
13 TELEFAX: (415) 576-0300
14 INFORMATION FOR SEQ ID NO: 48:
15     SEQUENCE CHARACTERISTICS:
16         LENGTH: 2462 base pairs
17         TYPE: nucleic acid
18         STRANDEDNESS: single
19         TOPOLOGY: linear
20         MOLECULE TYPE: cDNA
21         FEATURE:
22             NAME/KEY: -
23             LOCATION: 1..2462
24             OTHER INFORMATION: /note= "human small
25                 calcium-activated potassium channel
26                 protein 3 (hsk3) full length cDNA"
27             SEQUENCE DESCRIPTION: SEQ ID NO: 48:
28 US-10-115-695-48

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	Query Match	2.4%	Score 33.6	DB 9	Length 2462
	Best Local Similarity	53.9%	Pred. No. 3.5		
	Matches 69	Conservative 0	Mismatches 59	Indels 0	Gaps 0
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RESULT 12
US-09-880-107-1917/C
; Sequence 1917, Application US/09880107
; Patent No. US20020142981A1
; GENERAL INFORMATION:
; APPLICANT: Horne, Darci T.
; APPLICANT: Vockley, Joseph G.
; APPLICANT: Scherf, Uwe
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
; FILE REFERENCE: 44921-5028-WO
; CURRENT APPLICATION NUMBER: US/09/880,107
; CURRENT FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: US 60/211,379
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: US 60/237,054
; PRIOR FILING DATE: 2000-10-02
; NUMBER OF SEQ ID NOS: 3950
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 1917
; LENGTH: 442
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20020142981A1 H30
; NAME/KEY: unsure
; LOCATION: (1)..(442)

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; Endoglucanase Enzyme
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; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. US20010036910A10 No. US20010036910A1disk of No. US200100369
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/735,787
; FILING DATE: 13-Dec-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/189,028
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 3469.214-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1473 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Fusarium oxysporum
; STRAIN: DSM 2672
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 97..1224
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-735-787-3

Query Match      2.3%; Score 32.2; DB 10; Length 1473;
Best Local Similarity 45.2%; Pred. No. 7.2;
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QY 755 ACAACTGGGTGGCTCAGAACACCGAGTGTACCAACTGTGCTCTTAACCTTCTACAAACA 814
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QY 815 ACGCTCTTAACCTCAACCCCTGGAACCTACCTGTCTGCTTGTGCTGTGCTTAACAAGGACT 874
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QY 875 ACGGAGCTGAGGCTACCGGTGAGGAGTGTACCTACCTGGCTAAGCAGTGTAAACATCGCTT 934
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